

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2043	@ad<="20040301" and (257/717-718).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:03
S2	1319	@ad<="20040301" and (257/706).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:09
S3	714	@ad<="20040301" and (257/720).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:10
S4	812	@ad<="20040301" and (257/675).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:11
S5	147	@ad<="20040301" and (257/625).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:48
S6	163	@ad<="20040301" and (257/276).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:33
S7	625	@ad<="20040301" and (438/122).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:10
S8	1452	@ad<="20040301" and (174/16.3).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:10
S9	176	@ad<="20040301" and (228/222).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:11
S10	18	@ad<="20040301" and (361/274.3).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:11

## EAST Search History

S11	767	@ad<="20040301" and (361/697). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:07
S12	341	@ad<="20040301" and (361/702). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:11
S13	671	@ad<="20040301" and (361/709). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:12
S14	11	@ad<="20040301" and (361/514). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:12
S15	439	@ad<="20040301" and 'thermal' with 'electrical' and 'semiconductor body'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:11
S16	16	@ad<="20040301" and 'thermal' with 'electrical' and 'semiconductor body' and 'trough'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:36
S17	0	@ad<="20040301" and 'heat sink' same ('SiC' or 'diamond') and 'semiconductor body' and 'trough'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:37
S18	28	@ad<="20040301" and 'heat sink' same ('SiC' or 'diamond') and 'semiconductor body'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 05:45
S19	169	@ad<="20040301" and 'thermo-electrical'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:12
S20	22	@ad<="20040301" and 'thermo-electrical' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:13
S21	0	@ad<="20040301" and 'semiconductor body' and 'heat sink' and 'conductive' and 'heat transfer' same 'helix'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:08

## EAST Search History

S22	0	@ad<="20040301" and 'semiconductor boby' and 'heat sink' and 'conductive' and 'heat transfer' same 'maze'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:07
S23	0	@ad<="20040301" and 'semiconductor boby' and 'heat sink' and 'conductive' and 'heat transfer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:07
S24	0	@ad<="20040301" and 'semiconductor boby' and 'heat sink' and 'conductive'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:07
S26	5	@ad<="20040301" and 'semiconductor' and 'heat sink' and 'conductive' and 'heat transfer' same 'helix'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:09
S27	7	@ad<="20040301" and 'semiconductor' and 'heat sink' and 'conductive' and 'heat transfer' same 'maze'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:11
S28	4	@ad<="20040301" and 'heat regulating' and 'semiconductor' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:17
S29	0	@ad<="20040301" and 'heat regulating device' and 'IC' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:17
S30	0	@ad<="20040301" and 'heat regulating' and 'IC' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:18
S31	7	@ad<="20040301" and 'heat regulating' and 'chip' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:19
S32	0	@ad<="20040301" and 'heat regulating device' same 'maze'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:20
S33	0	@ad<="20040301" and 'heat regulating device' same 'helix'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:44

## EAST Search History

S34	55	@ad<="20040301" and 'heat sink' same 'helix'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:25
S35	8	@ad<="20040301" and 'heat sink' same 'maze'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:32
S36	9	@ad<="20040301" and 'heat sink' same 'helix' and 'semiconductor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:25
S37	0	@ad<="20040301" and 'thermal' with 'regulating' same 'semiconducotr' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:46
S38	0	@ad<="20040301" and 'thermal' with 'control' same 'semiconducotr' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:46
S39	0	@ad<="20040301" and 'heat' with 'control' same 'semiconducotr' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:46
S40	4	@ad<="20040301" and 'thermal' with 'regulating' same 'semiconductor' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:46
S41	737	@ad<="20040301" and ('thermal' or 'heat') with ('regulating' or 'control') same 'semiconductor' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:47
S42	220	@ad<="20040301" and ('thermal' or 'heat') with ('regulating' or 'control') same 'semiconductor device' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:47
S43	145	@ad<="20040301" and ('thermal' or 'heat') with ('regulating' or 'control') same 'IC' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:48
S44	424	@ad<="20040301" and ('thermal' or 'heat') with ('regulating' or 'control') same 'chip' same ('heat sink' or 'heat spreader')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 06:48

## EAST Search History

S45	1508	@ad<="20040301" and (361/695). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:21
S46	144	@ad<="20040301" and (361/696). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:07
S47	1	"6016250".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:07
S48	1	"5773755".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:07
S49	1	"5463529".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:08
S51	181	@ad<="20040301" and ('array' or 'matrix') with 'heat sink' same 'semiconductor device'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:16
S52	24	@ad<="20040301" and 'matrix' with 'heat sink' same 'semiconductor device'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:20
S53	522	@ad<="20040301" and 'matrix' with 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:20
S54	394	@ad<="20040301" and (361/694). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:21
S55	1	"5988488".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:26
S56	1	"5848467".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:26
S57	1162	@ad<="20040301" and (257/718). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:28
S58	952	@ad<="20040301" and (257/717). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:28

## EAST Search History

S59	711	@ad<="20040301" and (257/718). ccls. and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:28
S60	283	@ad<="20040301" and (257/718). ccls. and 'heat sink' same 'semiconductor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:29
S61	5	@ad<="20040301" and 'maze' with 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:42
S62	20	@ad<="20040301" and 'helix' with 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 07:32
S63	35	@ad<="20040301" and 'thermal control' with 'IC'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:32
S64	1	"6016250".PN.	USPAT; USOCR	OR	ON	2005/10/02 07:47
S65	943	@ad<="20040301" and (257/719). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:08
S67	1	@ad<="20040301" and (257/719). ccls. and 'heat' same dissipat\$4 same 'silicon carbide'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:06
S68	32	@ad<="20040301" and (257/719). ccls. and 'diamond'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:16
S71	1	@ad<="20040301" and 'therm' with 'sensor' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:19
S75	45	@ad<="20040301" and 'semiconductor' and ('thermal' or 'thermo') with 'electrical' same 'heat flow' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:22
S76	1	"5712448".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:26

## EAST Search History

S77	1	"5705770".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:26
S78	143	@ad<="20040301" and 'thermal control' with 'semiconductor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:09
S79	35	@ad<="20040301" and 'thermal control' with 'ic'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:35
S80	2	@ad<="20040301" and 'Controlling hot spots' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:36
S81	124	@ad<="20040301" and 'semiconductor' same 'hot spots' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 09:49
S82	1	"6521991".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:39
S83	1	"6334311".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:40
S84	1	"6322626".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:41
S85	1	"6199927".PN.	USPAT; USOCR	OR	ON	2005/12/27 09:41
S86	13	@ad<="20040301" and 'semiconductor' same 'hot spots' same ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:08
S87	2	@ad<="20040301" and 'semiconductor' same 'thermo-electric' same ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:09
S88	141	@ad<="20040301" and 'semiconductor' and 'thermo-electric' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:10
S89	7	@ad<="20040301" and 'semiconductor' and 'thermo-electric' same ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:10

## EAST Search History

S90	12	@ad<="20040301" and 'semiconductor' same 'thermo-electric' and ('diamond' or 'silicon carbide')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:11
S91	171	@ad<="20040301" and 'thermo-electrical'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:12
S92	23	@ad<="20040301" and 'thermo-electrical' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:14
S93	776	@ad<="20040301" and 'thermo' with electric\$2 and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:13
S94	501	@ad<="20040301" and 'thermo-electric' and 'heat sink'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:34
S95	1	@ad<="20040301" and 'thermo-electric' and 'heat sink' same 'silicon carbide'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:14
S96	27	@ad<="20040301" and 'thermo-electric' and 'heat sink' and 'silicon carbide'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:26
S97	74	@ad<="20040301" and 'thermo-electric' and 'heat sink' and ('silicon carbide' or 'diamond')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:26
S98	9	@ad<="20040301" and 'thermo-electric' and 'heat sink' same 'diamond'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:30
S99	1	@ad<="20040301" and 'thermo-electric' and 'heat sink' same 'carbide'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:35
S100	27	@ad<="20040301" and 'thermo-electric' and 'heat sink' and 'silicon carbide'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:45



## EAST Search History

S10 1	4	(("6098408") or ("5940784")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 10:45
S10 2	1	"5940784".PN.	USPAT; USOCR	OR	ON	2005/12/27 10:47
S10 3	1	"5867990".PN.	USPAT; USOCR	OR	ON	2005/12/27 10:47
S10 4	410	@ad<="20040301" and (62/3.7). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/27 10:48
S10 5	1	"5822993".PN.	USPAT; USOCR	OR	ON	2005/12/27 10:48
S10 6	1	"5867990".PN.	USPAT; USOCR	OR	ON	2005/12/27 10:48
S10 7	1	"5690849".PN.	USPAT; USOCR	OR	ON	2005/12/27 10:49
S10 8	432	@ad<="20040301" and ("SiC" or diamond) with therm\$2 with electrical and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:25
S10 9	0	@ad<="20040301" and ("SiC" or diamond) with "thermo-electrical" and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:13
S11 0	0	@ad<="20040301" and ("SiC" or diamond) with "thermo-electrical"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:13
S11 1	171	@ad<="20040301" and "thermo-electrical"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:47
S11 2	33	@ad<="20040301" and "thermo-electrical" and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:15
S11 4	37	@ad<="20040301" and "thermo-electrical" and (semiconductor or "IC")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:18

## EAST Search History

S11 5	1	ANTONOVSKA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:21
S11 7	285	@ad<="20040301" and ("SiC" or diamond) with therm\$2 with electric\$2 and semiconductor and cool\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:25
S11 8	100	@ad<="20040301" and ("SiC" or diamond) with therm\$2 with electric\$2 and (semiconductor or "IC") same cool\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:28
S11 9	26	@ad<="20040301" and ("SiC" or diamond) with ("therm\$2 with electric\$2" or thermoelectric or "thermo-electrical") and (semiconductor or "IC") same cool\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:46
S12 0	2237	@ad<="20040301" and (62/259.2)". ccls" or (62/3.7).ccls. or (62/3.2). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:46
S12 1	67	@ad<="20040301" and ("thermo-electrical" or thermoelectric) same cool\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/28 15:48
S12 4	109	@ad<="20040301" and ("thermo-electrical" or thermoelectric) same cool\$3 same "IC"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:13
S12 5	8	((("6,196,002") or ("5,569,950") or ("5,032,897") or ("6,094,919"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/28 16:10
S12 6	1	"6222113".PN.	USPAT; USOCR	OR	ON	2006/04/28 16:12
S12 7	1	"6121539".PN.	USPAT; USOCR	OR	ON	2006/04/28 16:12
S12 8	1	"5956569".PN.	USPAT; USOCR	OR	ON	2006/04/28 16:13
S12 9	99	@ad<="20040301" and ("thermo-electrical" or thermoelectric or "thermo-electric") with (diamond or SiC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:43

## EAST Search History

S13 0	0	@ad<="20040301" and ("thermo-electrical" or thermoelectric or "thermo-electric") with "coil structure"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:15
S13 1	394	@ad<="20040301" and ("thermo-electrical" or thermoelectric or "thermo-electric") with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:16
S13 3	20	@ad<="20040301" and "semiconductor" same ("thermo-electrical" or thermoelectric or "thermo-electric") with coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:16
S13 5	20	@ad<="20040301" and "semiconductor" same ("thermo-electrical" or thermoelectric or "thermo-electric") with (coil or maze)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:16
S13 6	19729	@ad<="20040301" and wafer with semiconductor with "integrated circuit"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:46
S13 7	1	@ad<="20040301" and thermoelectric same wafer with semiconductor with "integrated circuit"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:44
S13 8	6	@ad<="20040301" and cooler same wafer with semiconductor with "integrated circuit"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/30 07:46
S13 9	18	("5689957"   "5689958"   "5690849"   "5822993"   "5867990"   "5940784").PN. OR ("6098408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 11:26
S14 0	2428	@ad<="20040301" and cool\$4 same uniform\$3 same temperature same gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:11
S14 1	552	@ad<="20040301" and cool\$4 with uniform\$3 with temperature with gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:11
S14 2	1	@ad<="20040301" and (integrated or "IC") same cool\$4 with uniform\$3 with temperature with gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:12

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S14 3	13	@ad<="20040301" and (die or chip or "IC") same cool\$4 with uniform\$3 with temperature with gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:56
S14 4	124	@ad<="20040301" and (semiconductor) same cool\$4 same uniform\$3 same temperature same gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 12:57
S14 5	101	@ad<="20040301" and (semiconductor) same cool\$4 same uniform\$3 same temperature with gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:03
S14 6	54	@ad<="20040301" and (semiconductor) same uniform\$3 with cool\$3 same temperature same gradient	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:15
S14 7	21	("4582985"   "4935864"   "5444637"   "5894056"   "5918469"   "5940784"   "6028263"   "6080969"   "6088662").PN. OR ("6230497"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 13:14
S14 8	404	@ad<="20040301" and (semiconductor) same uniform\$3 with cool\$3 with temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:16
S14 9	86	@ad<="20040301" and "semiconductor device" same uniform\$3 with cool\$3 with temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:35
S15 0	38	@ad<="20040301" and "thermoelectric" same "uniform temperature" same distribution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:36
S15 1	36	@ad<="20040301" and "thermoelectric" same "uniform temperature" with distribution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/08 13:36
S15 2	13	("5040381"   "5229327"   "5233622"   "5637921"   "5712448"   "5724818"   "5867990"   "5874775"   "5956569"   "5966941"   "6000225"   "6121539"   "6222113").PN. OR ("6893902"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 13:38